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3 APPARATUS AND METHOD FOR REMOTELY AND  
4 AUTOMATICALLY CONTROLLING THE VOLUME OF AUDIO  
5 SIGNALS PRODUCED BY A REMOTELY CONTROLLED AUDIO DEVICE  
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7 ABSTRACT OF THE DISCLOSURE

8 An apparatus and method for remotely and automatically  
9 adjusting the volume of a remotely controlled audio device. In  
10 one embodiment, the apparatus comprises a sensor circuit for  
11 continuously detecting audio signals generated by the audio  
12 device, a difference circuit for determining the difference  
13 between the amplitude of the detected audio signals and a  
14 reference audio signal amplitude and for outputting a signal that  
15 represents this difference, a difference signal transfer circuit  
16 having an input for receiving the difference signal and an output  
17 wherein the difference signal is coupled to the output when the  
18 sensor circuit outputs a signal that indicates an audio signal  
19 has been detected, and a control circuit for generating a control  
20 signal that effects attenuation, augmentation or maintenance of  
21 the amplitude of the audio signals generated by the audio device  
22 in accordance with the difference signal when the sensor circuit  
23 detects an audio signal.